Maine   **Grade 6**

FlyBy Math^{TM} Alignment
Maine Mathematics Grade Level Expectations Spring 2004

Cluster 2 – Shape and Size

E. Geometry

Grade Level Expectations	**FlyBy Math^{TM} Activities**
M2E3.6 Use ordered pairs as coordinates of points in the first quadrant of a coordinate plane.	--Plot points on a schematic of a jet route, on a vertical line graph, and on a Cartesian coordinate system to describe the motion of two airplanes.

F. Measurement

Grade Level Expectations	**FlyBy Math^{TM} Activities**
M2F2.6 Solve problems using elapsed time, thermometers, and scales.	--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios. --Calculate and measure the position and time of simulated aircraft. Represent that motion using tables, graphs, equations, and experimentation.

Cluster 4 - Patterns

G. Patterns, Relations, and Functions

Grade Level Expectations	**FlyBy Math^{TM} Activities**
M4G3.6. Solve problems involving linear patterns in the form of tables, graphs, words, rules and equations using whole numbers, decimals to hundredths and simple fractions.	--Use tables, graphs, and equations to solve aircraft conflict problems. --Represent distance, speed, and time relationships for constant speed cases using tables, bar graphs, line graphs, equations, and a Cartesian coordinate system.